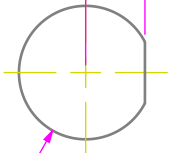


DO NOT SCALE FROM THIS PRINT

.1235±.0015 [3.14±0.04]



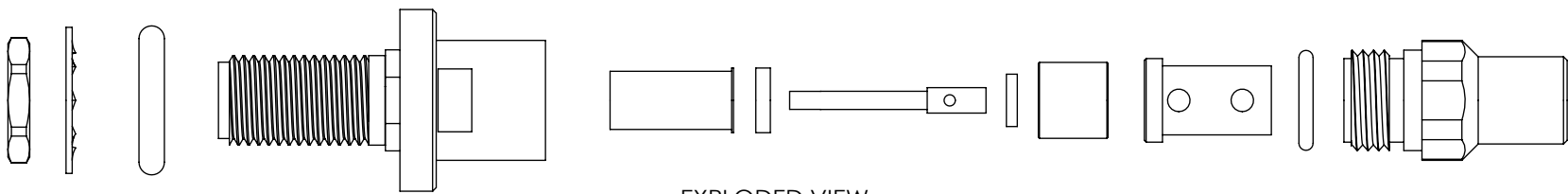
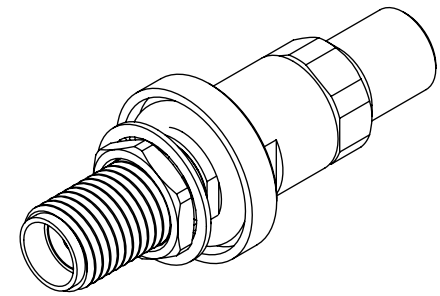
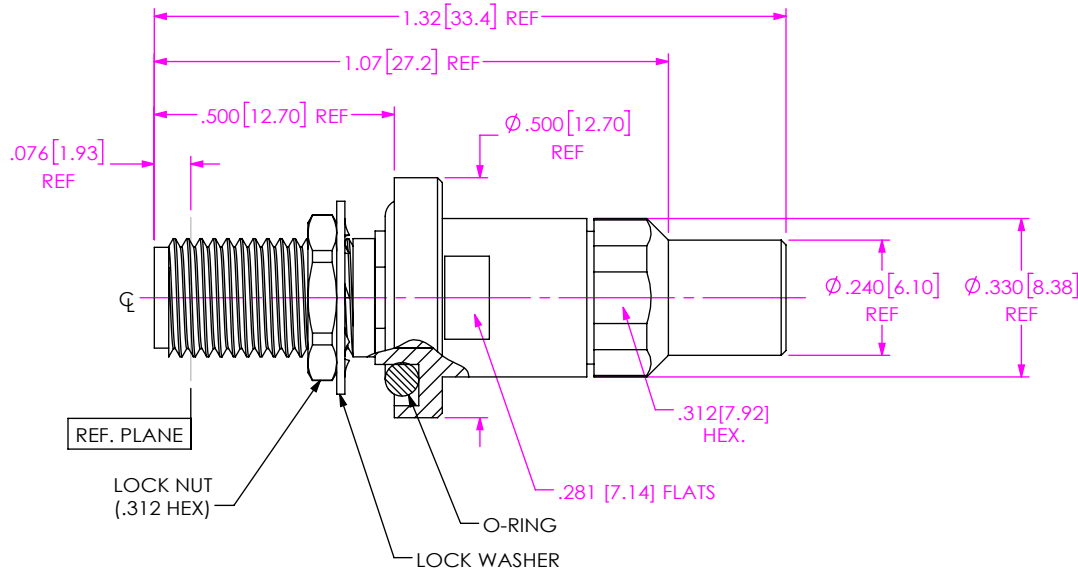
Ø.278±.002 [7.06±0.05]

RECOMMENDED MOUNTING HOLE

DESIGNED & DIMENSIONED IN INCHES [MILLIMETERS]

PRF01-J-C-EP-160A-BS

SERIES -01: SMA
 GENDER -J: JACK
 TYPE -C: CABLE
 FINISH -EP: 50µ" EXTRA HEAVY GOLD CENTER CONTACT, PASSIVATED OUTER CONTACT
 TERMINATION -S: SOLDER CLAMP
 ORIENTATION -B: BULKHEAD
 CABLE TYPE -T60A: HARBOUR LL160



EXPLODED VIEW NOT TO SCALE (FOR CLARITY ONLY)

- NOTES:
- MATERIAL:
 BODY, LOCK WASHER, LOCK NUT, BUSHING & CLAMP NUT: STAINLESS STEEL.
 CONTACT: BERYLLIUM COPPER.
 SOLDER FERRULE: BRASS.
 O-RING: SILICONE RUBBER.
 INSULATOR: TEFLON FLUOROCARBON.
 DIELECTRIC BEADS: ULTEM 1000.
 - FINISH:
 BODY, LOCK WASHER, LOCK NUT, BUSHING & CLAMP NUT: PASSIVATED.
 SOCKET & SOLDER FERRULE: GOLD OVER NICKEL PLATE.
 50 µIN MIN GOLD OVER 50 µIN MIN NICKEL.
 - PCI P/N: 4044.

UNLESS OTHERWISE SPECIFIED, DIMENSIONS ARE IN INCHES.
 TOLERANCES ARE:
 DECIMALS .XX: ±.01 [0.3]
 .XXX: ±.005 [0.13]
 .XXXX: ±.0005 [0.013]

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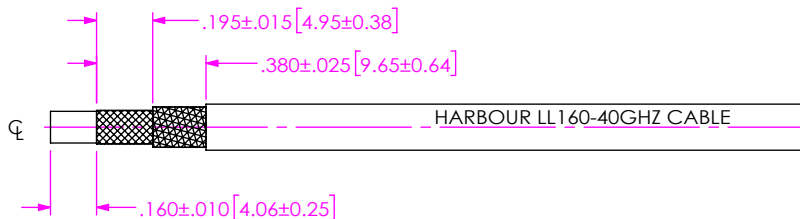
520 PARK EAST BLVD, NEW ALBANY, IN 47150
 PHONE: 812-944-6733 FAX: 812-948-5047
 e-Mail info@SAMTEC.com code 55322

DO NOT SCALE DRAWING SHEET SCALE: 2.5:1

DESCRIPTION: SMA BULKHEAD JACK, SOLDER CLAMP FOR HARBOUR LL160-40GHZ CABLE

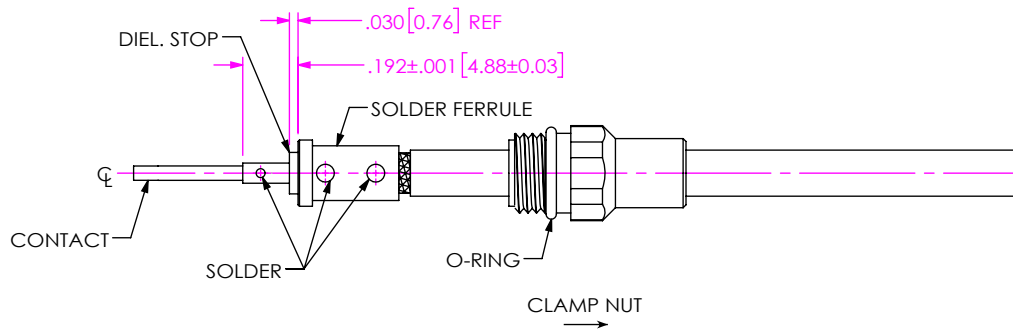
DWG. NO. PRF01-J-C-EP-160A-BS

BY: EVE L 01/13/2021 SHEET 1 OF 2



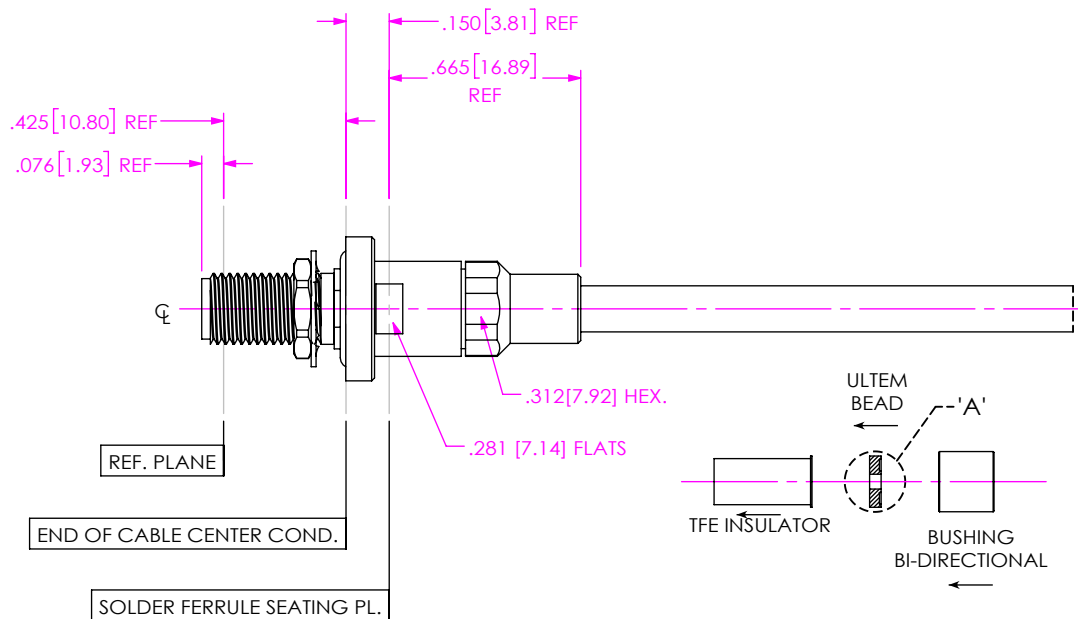
1A. TRIM CABLE TO EXPOSE DIELECTRIC AND BRAIDS AS SHOWN.

IN-PROCESS 1

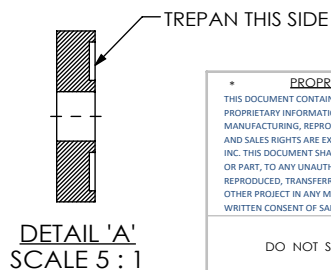


- 2A. INSTALL O-RING ONTO CLAMP NUT OVER CABLE IN ORIENTATION AS SHOWN.
- 2B. INSERT CABLE INTO SOLDER FERRULE UNTIL INNER BRAID IS SEATED AND SOLDER CABLE BRAIDS WHERE SHOWN.
- 2C. TRIM CABLE DIELECTRIC FLUSH WITH FACE OF SOLDER FERRULE.
- 2D. SLIDE DIELECTRIC STOP OVER CABLE CENTER CONDUCTOR AND SOLDER CONTACT FLUSH TO STOP TO DIMENSION SHOWN.

IN-PROCESS 2



- 3A. INSERT INSULATOR, FWD ULTEM BEAD AND BUSHING INTO CONNECTOR BODY IN ORIENTATION SHOWN.
- 3B. INSERT CABLE/CONTACT SUB-ASSEMBLY UNTIL SEATED AND TIGHTEN CLAMP NUT TO 25-35 IN-LBS.



IN-PROCESS 3

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 e-Mail info@SAMTEC.com code 55322

DO NOT SCALE DRAWING
 SHEET SCALE: 3:2

DESCRIPTION: SMA BULKHEAD JACK, SOLDER CLAMP FOR HARBOUR LL160-40GHZ CABLE

DWG. NO. PRF01-J-C-EP-160A-BS

BY: EVE L 01/13/2021 SHEET 2 OF 2